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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended September 28, 1990 NO. 39

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/28/90	Last Week Ending: 09/21/90	Last Year Week Ending: 09/29/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	14,145	14,405	13,923	-260	222
Operable capacity	15,516	15,516	15,576	0	-60
Percent operated	91.2	92.8	89.4		
Motor Gasoline					
Total motor gasoline production	7,327	7,214	6,877	113	450
Finished leaded motor gasoline production	371	283	633	88	-262
Finished unleaded motor gasoline production	6,956	6,931	6,244	25	712
Total motor gasoline stocks	223,892	222,263	223,741	1,629	151
Finished leaded motor gasoline stocks	11,063	10,760	21,774	303	-10,711
Finished unleaded motor gasoline stocks	172,008	171,364	161,715	644	10,293
Jet Fuel Kerosine					
Jet fuel kerosine production	1,319	1,337	1,168	-18	151
Jet fuel kerosine stocks	42,143	42,265	40,065	-122	2,078
Distillate Fuel Oil					
Distillate fuel oil production	2,955	2,921	2,922	34	33
Distillate fuel oil stocks	134,807	136,495	122,923	-1,688	11,884
Residual Fuel Oil					
Residual fuel oil production	961	901	849	60	112
Residual fuel oil stocks	51,488	52,219	44,792	-731	6,696
Imports					
Crude oil imports	5,059	5,674	6,326	-615	-1,267
Product imports	2,387	1,504	1,815	883	572
Crude Oil Stocks					
Crude oil stocks	354,644	364,012	333,340	-9,368	21,304
Crude Supply Balance	685				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,525	1,306	1,306	1,381	94.6
Appal. No. 1	111	98	98	124	79.0
DISTRICT 1 TOTAL	1,636	1,404	1,404	1,505	93.3
Ind., Ill., Ky.	2,362	2,242	2,283	2,195	104.0
Minn., Wisc., Daks.	355	343	347	343	101.2
Okla., Kans., Mo.	808	738	742	737	100.7
DISTRICT 2 TOTAL	3,525	3,323	3,372	3,275	103.0
Inland Texas	588	491	508	584	87.0
Texas Gulf Coast	3,139	2,733	2,756	3,339	82.5
La. Gulf Coast	2,645	2,491	2,503	2,903	86.2
N. La. and Ark.	208	171	178	257	69.3
New Mexico	88	75	75	78	96.2
DISTRICT 3 TOTAL	6,668	5,961	6,020	7,161	84.1
DISTRICT 4 TOTAL	515	494	494	556	88.8
DISTRICT 5 TOTAL	2,896	2,780	2,855	3,019	94.6
TOTAL U.S.	15,240	13,962	14,145	15,516	91.2
TOTAL U.S. Weeks Ended:					
SEP. 21, 1990	15,172	14,262	14,405	15,516	92.8
SEP. 29, 1989	15,015	13,764	13,923	15,576	89.4
DISTRICTS 1-4 Weeks Ended:					
SEP. 28, 1990	12,344	11,182	11,290	12,497	90.3
SEP. 21, 1990	12,256	11,388	11,491	12,497	92.0
SEP. 29, 1989	12,275	11,098	11,183	12,538	89.2

API WEEKLY STATISTICAL BULLETIN

Week Ended September 28, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	710	9	701	5	106	335	134
Appal. No. 1	37	1	36	--	--	34	3
DISTRICT 1 TOTAL	747	10	737	5	106	369	137
Ind., Ill., Ky.	1,297	12	1,285	3	123	463	72
Minn., Wisc., Daks.	195	4	191	1	16	100	9
Okla., Kans., Mo.	385	22	363	14	51	196	2
DISTRICT 2 TOTAL	1,877	38	1,839	18	190	759	83
Inland Texas	279	24	255	20	40	123	14
Texas Gulf Coast	1,627	10	1,617	31	291	539	187
La. Gulf Coast	1,185	28	1,157	23	306	517	126
N. La. and Ark.	61	--	61	2	3	55	13
New Mexico	41	9	32	12	1	19	1
DISTRICT 3 TOTAL	3,193	71	3,122	88	641	1,253	341
DISTRICT 4 TOTAL	229	51	178	19	36	143	10
DISTRICT 5 TOTAL	1,281	201	1,080	59	346	431	390
TOTAL U.S.	7,327	371	6,956	189	1,319	2,955	961
TOTAL U.S. Weeks Ended:							
SEP. 21, 1990	7,214	283	6,931	225	1,337	2,921	901
SEP. 29, 1989	6,877	633	6,244	240	1,168	2,922	849
DISTRICTS 1-4 Weeks Ended:							
SEP. 28, 1990	6,046	170	5,876	130	973	2,524	571
SEP. 21, 1990	5,942	127	5,815	167	955	2,471	525
SEP. 29, 1989	5,652	407	5,245	171	863	2,451	534

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended September 28, 1990

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Motor Gasoline: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	4,860	2	4,857	1	111	552	6,683	718	--
Central Atlantic	26,747	39	23,261	3,447	402	5,884	39,036	20,467	13,056
Lower Atlantic	31,124	19	30,970	135	453	4,682	16,342	2,767	473
DISTRICT 1 TOTAL	62,731	60	59,088	3,583	966	11,118	62,061	23,952	13,529
DISTRICT 2 TOTAL	59,089	3,426	46,809	8,854	1,058	9,272	29,467	3,820	17,462
DISTRICT 3 TOTAL	63,670	766	45,598	17,306	2,057	13,921	28,924	15,667	54,374
DISTRICT 4 TOTAL	6,510	1,212	2,936	2,362	437	777	2,612	501	2,098
DISTRICT 5 TOTAL	31,892	5,599	17,577	8,716	1,552	7,055	11,743	7,548	25,633
TOTAL U.S.	223,892	11,063	172,008	40,821	6,070	42,143	134,807	51,488	113,096
TOTAL U.S. Weeks Ended:									
SEP. 21, 1990	222,263	10,760	171,364	40,139	6,094	42,265	136,495	52,219	113,303
SEP. 29, 1989	223,741	21,774	161,715	40,252	6,947	40,065	122,923	44,792	105,116
DISTRICTS 1-4 Weeks Ended:									
SEP. 28, 1990	192,000	5,464	154,431	32,105	4,518	35,088	123,064	43,940	87,463
SEP. 21, 1990	190,694	5,678	154,192	30,824	4,513	35,359	124,847	44,589	87,910
SEP. 29, 1989	195,302	16,249	146,111	32,942	5,143	34,785	112,531	37,180	81,929

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended September 28, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
SEP. 28, 1990	4,415.0	4,461.0	4,925	638	283,130
SEP. 21, 1990	4,415.0	--	5,468	692	287,263
SEP. 14, 1990	4,415.0	--	5,730	737	292,281
SEP. 7, 1990	4,456.0	--	6,747	719	295,606
DISTRICT 5 TOTAL					
SEP. 28, 1990	2,596.0	2,741.0	134	11	71,514 #
SEP. 21, 1990	2,596.0	--	206	--	76,749
SEP. 14, 1990	2,596.0	--	303	35	77,479
SEP. 7, 1990	2,726.0	--	199	--	78,661
TOTAL U.S.					
SEP. 28, 1990	7,011.0	7,202.0	5,059	649	354,644 #
SEP. 21, 1990	7,011.0	--	5,674	692	364,012
SEP. 14, 1990	7,011.0	--	6,033	772	369,760
SEP. 7, 1990	7,182.0	--	6,946	719	374,267
SEP. 29, 1989	7,548.0 a/	--	6,326	623	333,340

#INCLUDES 16,136 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for September 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
SEP. 28, 1990	685	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
SEP. 28, 1990	15,809	75,334	181,748	10,239	283,130	71,514 #	354,644 #
SEP. 21, 1990	16,900	77,328	182,436	10,599	287,263	76,749	364,012
SEP. 29, 1989	13,993	70,276	158,405	11,760	254,434	78,906	333,340

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	221	--	221	--	--	--	217	5	24	--	--	467
Central Atlantic	160	--	160	69	--	--	108	193	--	214	33	777
Lower Atlantic	62	--	62	--	--	36	4	66	--	--	45	213
DISTRICT 1 TOTAL												
SEP. 28, 1990	443	--	443	69	--	36	329	264	24	214	78	1,457
SEP. 21, 1990	210	19	191	32	--	64	217	359	12	82	81	1,057
SEP. 14, 1990	238	--	238	34	--	21	384	391	17	42	69	1,196
SEP. 7, 1990	252	--	252	17	--	27	236	392	35	135	60	1,154
DISTRICTS 2-4 TOTAL												
SEP. 28, 1990	7	--	7	9	2	50	6	5	169	280	345	873
SEP. 21, 1990	2	--	2	43	2	8	2	5	135	146	93	436
SEP. 14, 1990	37	--	37	16	2	7	7	5	173	557	135	939
SEP. 7, 1990	4	--	4	13	2	5	5	6	246	136	357	774
DISTRICT 5 TOTAL												
SEP. 28, 1990	30	--	30	--	--	3	2	8	9	--	5	57
SEP. 21, 1990	3	--	3	--	--	--	1	--	6	--	1	11
SEP. 14, 1990	7	--	7	--	--	15	3	2	8	--	2	37
SEP. 7, 1990	5	--	5	--	--	5	1	33	6	--	3	53
TOTAL U.S.	480	--	480	78	2	89	337	277	202	494	428	2,387
TOTAL U.S. Weeks Ended:												
SEP. 21, 1990	215	19	196	75	2	72	220	364	153	228	175	1,504
SEP. 14, 1990	282	--	282	50	2	43	394	398	198	599	206	2,172
SEP. 7, 1990	261	--	261	30	2	37	242	431	287	271	420	1,981
SEP. 29, 1989	301	--	301	200	12	49	95	426	203	474	55	1,815

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.